



Supplementary Fig. 1:

Subunits detached from complex I upon treatment with low concentrations of SDS. Protein fractions were resolved by 2D BN/SDS PAGE. The subunits of intact complex I are shown on the gel to the left (no SDS treatment prior to gel electrophoresis), the subunits of the membrane and the peripheral arm of the dissected complex on the gel to the right (treatment by 0.04 % SDS). Horizontal lines are introduced for precise alignment of the two gels. Molecular masses of standard proteins are given to the right of the gels (in kDa). Red arrows indicate subunits of complex I which neither form part of the membrane nor the peripheral arm and therefore are detached from the complex during initial dissection. Their apparent molecular masses are 39, 19, 16, 8 and 7 kDa. The 39 kDa protein was identified by MS (spot 46 in table 1). The identity of the other proteins was not determined.